

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	X
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico
PlaceJanuary 23, 1946
DateOIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

The Ohio Oil Company J. L. Muncy Well No. 1 in SE 1/4
Company or Operator Lease
of Sec. 24, T. 22-S, R. 37-E, N. M. P. M., Drinkard-Yesso Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Well drilled to total depth of 7898' to top of granite. Was plugged back to 6906' with 155-sacks cement. 5-1/2" casing set at 6700' cemented with 600-sack cement. Run 222-joints of 2-5/8" tubing set at 6900', with American hook wall packer set at 6906'. Swabbed well in natural test making 200 MCF of gas and 25-bbls of oil in 24-hours. Now plan to acidize with 500-gals of mud acid and follow up with 1000-gals of 15% low tension acid and 3000-gals of 15% non-emulsifying acid. Acidizing from 6700' to 6900' leaving 2' mud blanket in bottom. Andrews pay.

Approved _____, 19____
except as follows:

The Ohio Oil Company
Company or Operator

By [Signature]

Position District Foreman
Send communications regarding well to

Name The Ohio Oil CompanyAddress Box 1607, Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By Ray Yarkrough
Title Cif & Gas Inspector

REPORT ON THE PROGRESS OF THE WORK

During the year 1964

The following work has been completed:

The first part of the work was devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = x^2 + 1$. It was shown that this function is strictly increasing on the interval $(-\infty, \infty)$ and that it has a minimum value of 1 at $x = 0$.

The second part of the work was devoted to the study of the function $g(x)$ defined by the equation $g(x) = x^3 - 1$.

It was shown that this function is strictly increasing on the interval $(-\infty, \infty)$ and that it has a root at $x = 1$. It was also shown that the function $g(x)$ is concave down on the interval $(-\infty, \infty)$.

The third part of the work was devoted to the study of the function $h(x)$ defined by the equation $h(x) = x^4 - 2x^2 + 1$.

It was shown that this function is symmetric about the y-axis and that it has a minimum value of 0 at $x = 0$ and $x = \pm 1$. It was also shown that the function $h(x)$ is concave up on the interval $(-\infty, \infty)$.

The fourth part of the work was devoted to the study of the function $k(x)$ defined by the equation $k(x) = x^5 - 5x^3 + 5x$.

It was shown that this function is strictly increasing on the interval $(-\infty, \infty)$ and that it has a root at $x = 0$. It was also shown that the function $k(x)$ is concave up on the interval $(-\infty, \infty)$.

The work was completed on the 15th day of the month.

The results of the work are given in the following table:

Table 1. Properties of the function $f(x) = x^2 + 1$.

Table 2. Properties of the function $g(x) = x^3 - 1$.

The work was completed on the 15th day of the month. The results of the work are given in the following table:

Table 3. Properties of the function $h(x) = x^4 - 2x^2 + 1$.

Table 4. Properties of the function $k(x) = x^5 - 5x^3 + 5x$.

The work was completed on the 15th day of the month. The results of the work are given in the following table: